

**10/55289**

JC06 Rec'd PCT/PTO 02 NOV 2005 PATENT  
0508-1149

IN THE U.S. PATENT AND TRADEMARK OFFICE

In re application of

Jean-Luc Georges Laurent BATTINI et al. Conf.

Application No. **NEW NATIONAL PHASE** Group

Filed November 2, 2005 Examiner

GLUT-1 AS A RECEPTOR FOR HTLV ENVELOPES AND ITS USES

**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 2, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, and in fulfillment of the duty of disclosure under 37 C.F.R. § 1.56, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. Copies**

- Copies of the U.S. patents or publications are not submitted since the USPTO has waived their submission for applications filed after June 30, 2003.
- Submitted herewith is a legible copy of (i) each foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should have been forwarded from the International Search Authority pursuant to the trilateral agreement between the USPTO, EPO and JPO, or they are U.S. patents or U.S. published applications. If copies are needed, please contact the undersigned.

**III. CONCISE EXPLANATION OF THE RELEVANCE**  
 (Check at least one box)

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a.  **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached non U.S. patents, non U.S. patent application publications, foreign publications, or other information in the English language do not require a statement of relevancy.

b.  **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c.  **FOREIGN SEARCH REPORT OR ACTION**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d.  **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If The Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned.

Respectfully submitted,

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PD/ia

Enclosures:  Form PTO-1449(s)  
 Documents  
 Foreign Search Report  
 Other: \_\_\_\_\_

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)		Attorney Docket No.: <b>0508-1149</b>		Application No. <b>10/155289</b> NEW NATIONAL PHASE		
		Applicant: <b>Jean-Luc Georges Laurent BATTINI et al.</b>				
		Filing Date: <b>November 2, 2005</b>		Group Art Unit:		
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation Yes      No
	WO 96/41193	12/19/1996	WIPO			
	WO 98/03197	1/29/1998	WIPO			
	WO 92/13946	8/20/1992	WIPO			
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
	HARRIS D S ET AL: "POLARIZED DISTRIBUTION OF GLUCOSE TRANSPORTER ISOFORMS IN CACO-2 CELLS", PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 89, no. 16, 1992, pages 7556-7560, XP002254293, 1992 ISSN: 0027-8424, page 7557, column 1, line 4 - line 11 page 7557, column 2, paragraph 2; figures 1, 3A, page 7559, column 2, last paragraph					
	MENDEZ LUIS E ET AL: "Expression of glucose transporter-1 in cervical cancer and its precursors." GYNECOLOGIC ONCOLOGY, vol. 86, no. 2, August 2002 (2002-08), pages 138-143, XP002254294 August, 2002, ISSN: 0090-8258 cited in the application, page 140, column 2, line 7 - page 141, column 1, line 2; table 3, page 142, column 1, paragraph 1					
	LAIRMORE M D ET AL: "CHARACTERIZATION OF A B-CELL IMMUNODOMINANT EPITOPE OF HUMAN T-LYMPHOTROPIC VIRUS TYPE 1 (HTLV-I) ENVELOPE GP46" CANCER LETTERS, NEW YORK, NY, US, vol. 66, 14 September 1992 (1992-09-14), pages 11-20, XP000940582, ISSN: 0304-3835 abstract					
	TALLET B ET AL: "Sequence variations in the amino- and carboxy-terminal parts of the surface envelope glycoprotein of HTLV type 1 induce specific neutralizing antibodies." AIDS RESEARCH AND HUMAN RETROVIRUSES. UNITED STATES 1 MAR 2001, vol. 17, no. 4, 1 March 2001 (2001-03-01), pages 337-348, XP002254296 ISSN: 0889-2229, page 346, column 2, last paragraph, abstract					
	MUECKLER MIKE ET AL: "Identification of an amino acid residue that lies between the exofacial vestibule and exofacial substrate-binding site of the Glut1 sugar permeation pathway." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 48, 28 November 1997 (1997-11-28), pages 30141-30146, XP002254295, ISSN: 0021-9258 cited in the application, figure 1					
	MANEL NICOLAS ET AL: "GLUT-1 is the receptor of retrovirus HTLV!" MEDECINE SCIENCES: M/S. MAR 2004, vol. 20, no. 3, March 2004 (2004-03), pages 277-279, XP002293056, ISSN: 0767-0974, the whole document					
	MANEL NICOLAS ET AL: "The ubiquitous glucose transporter GLUT-1 is a receptor for HTLV." CELL, vol. 115, no. 4, 14 November 2003 (2003-11-14), pages 449-459, XP002293058, ISSN: 0092-8674, the whole document					
EXAMINER:			DATE CONSIDERED			
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.						

\* English language abstract provided for the Examiner's convenience